

## **ABSTRACT OF THE DISCLOSURE**

A method and apparatus is described for the automatic delay compensation in space diversity radio transmissions. The method comprises the steps of: a) receiving a first analog signal and a second analog signal, a possible delay being between the first and second signals; b) sampling said first and said second analog signals to obtain a first digital signal and a second digital signal, respectively; c) sending said digital signals to respective equalizers, and the steps of d) digitally delaying one of the first digital signal and the second digital signal by a period equal to an integral multiple of the sampling period, and e) recovering, at the equalization phase, the residual difference between the imposed delay and the actual one.